

## DRAFT (9/29/08) Missouri 2009 EQIP Program Policies DRAFT

**The following is a summary of the conservation practices and options proposed for 2009 EQIP financial assistance. FY09 EQIP Policy can be established only when the FY09 EQIP Rule is finalized. Until then, all of the following information must remain as a DRAFT format. When the new Farm Bill EQIP rule is finalized, we will issue our FY09 EQIP Policy in a non-draft format.**

Planned conservation practices must be maintained for the lifespan of the practice as defined in the EQIP manual or the length of the EQIP contract, whichever is longer. All practices must also meet the minimum criteria in the practice standard (see the Missouri eFOTG) and the criteria listed below. Extents above the minimum necessary to meet practice criteria are not eligible for payment. Note: Payment for some practices is only authorized when used in conjunction with another practice, as detailed in the Conservation Plan of Operation.

Payments for some practices (identified by "Adoption Period Required" in the title or option line), are intended to encourage the adoption via application of certain types of practices &/or practice options. These types of payments are only available on Farms (farm number as established by FSA) where the practice option has not been previously applied &/or utilized, and where there will be a higher level of management required for the requested practice option. These types of payments are NOT authorized if the conservation practice option has previously been implemented on any of the acres on the FSA Farm number applying for EQIP, with or without financial assistance. "Adoption Period Required" practices must be adopted/applied two years within the length of the contract period. No more than three separate "Adoption Period Required" practice options may be combined per acre.

Any FY09 EQIP application which includes a practice requiring a CNMP (developed or updated) must have current soil test results provided to the NRCS Field Office within 45 days of making application or the application will be deferred (exception: operations which export 100% of the waste/manure).

The EQIP applicant is responsible for the installation, use, and maintenance of all components required in the conservation management system.

Payments to Limited Resource Farmers, Beginning Farmers, and Socially Disadvantaged Farmers (as defined in the 2009 EQIP Rule) may be based upon payment rates that are higher than those posted in this document.

Practice Code	Practice Unit	Conservation Practice	Payment Rate 3/	Pmt Unit	Max. Payment per Contract	Lifespan
365	Number	<b>Anaerobic Digester - Ambient Temperature</b>	\$ 143.76	NRCS AU	\$ 100,000.00	25 Years

1. Payment for this practice is only authorized as a component of a CNMP.

2. The CNMP must be developed (or updated if a CNMP already exists) prior to the design and installation of this practice.

3. See the "Anaerobic Digester - Ambient Temperature" conservation practice standard.

366	Number	<b>Anaerobic Digester - Controlled Temperature</b>	\$ 310.89	NRCS AU	\$ 100,000.00	25 Years
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1. Payment for this practice is only authorized as a component of a CNMP.

2. The CNMP must be developed (or updated if a CNMP already exists) prior to the design and installation of this practice.

3. See the "Anaerobic Digester - Controlled Temperature" conservation practice standard.

316	Number	<b>Animal Mortality Facility 1/</b>				15 Years
		<b>Incinerator Existing or Expanding - Low</b>	\$ 4,540.00	Number		
		<b>Incinerator Expanding - Medium</b>	\$ 3,632.00	Number		
		<b>Incinerator Expanding - High or All Other Operations</b>	\$ 2,421.00	Number		
		1. An on-farm, manufactured mortality incinerator for the treatment or disposal of livestock &/or poultry carcasses.				
		<b>Static Pile Composter Existing or Expanding - Low</b>	\$ 6.13	cu ft		
		<b>Static Pile Composter Expanding - Medium</b>	\$ 4.90	cu ft		
		<b>Static Pile Composter Expanding - High or All Other Operations</b>	\$ 3.27	cu ft		

1. Payment for this practice is only authorized as a component of a CNMP.

2. The CNMP must be developed (or updated if a CNMP already exists) prior to the design and installation of this practice.

3. See the "Animal Mortality Facility" conservation practice standard.

314	Acre	<b>Brush Management</b>				10 Years
		<b>Brush Management - Biological</b>	\$	12.10	Acre	
		1. The removal, reduction or manipulation of non-herbaceous plants on pasture or hayland, using biological methods.				
		<b>Brush Management - Mechanical &amp;/or Chemical (Low)</b>	\$	16.20	Acre	
		1. The removal, reduction or manipulation of non-herbaceous plants on pasture or hayland, where non-desirable plants are small, treatable with a single chemical application (possibly facilitated by a mechanical operation).				
		<b>Brush Management - Mechanical &amp;/or Chemical (High)</b>	\$	126.60	Acre	
1. The removal, reduction or manipulation of non-herbaceous plants on pasture or hayland, where non-desirable plants may be dense or woody, thereby requiring more efforts to remove and involving multiple activities (i.e., pesticide application, stump treatment, brush hogging, tree shearing, etc).						

1. Clipping/mowing as a "stand-alone" activity is not authorized for payment.

2. This practice is only authorized when used in conjunction with "Prescribed Grazing".

3. See the "Brush Management" conservation practice standard.

Practice Code	Practice Unit	Conservation Practice	Payment Rate 3/	Pmt Unit	Max. Payment per Contract	Lifespan
360	Number	Closure of Waste Impoundments				15 Years
		Solid Removal	\$ 5.36	cu yd		
		1. Payment is for the removal of solid waste material from the waste impoundment and field application.				
		Berm Excavation & Site Leveling	\$ 3.08	cu yd		
		1. Payment is for the removal of the earthen berm and mixing soil with remaining solids, then grade & shape site.				
		Concrete Demolition & Disposal	\$ 40.14	ton		
		1. Payment is for demolition of concrete used in the impoundment and removal from the site in the most efficient manner.				
1. This practice does not require the development of a CNMP.						
2. Use Nutrient Management (590) for any required planning and land application.						
3. See the "Closure of Waste Impoundments" conservation practice standard.						
100	Number	Comprehensive Nutrient Management Plan				1 Year
		Acre CNMP for Beef Cattle - less than 100 beef cattle	\$ 5,700.00	Number		
		Acre CNMP for Beef Cattle - 100 to 500 beef cattle	\$ 7,100.00	Number		
		Acre CNMP for Beef Cattle - 500 or more beef cattle	\$ 9,300.00	Number		
		Acre CNMP for Dairy Cows - less than 100 dairy cows	\$ 6,800.00	Number		
		Acre CNMP for Dairy Cows - 100 to 200 dairy cows	\$ 8,500.00	Number		
		Acre CNMP for Dairy Cows - 200 or more dairy cows	\$ 11,050.00	Number		
		Acre CNMP for Swine - less than 2000 swine	\$ 6,450.00	Number		
		Acre CNMP for Swine - 2000 to 3000 swine	\$ 8,050.00	Number		
		Acre CNMP for Swine - 3000 or more swine	\$ 10,500.00	Number		
		Acre CNMP for Poultry - 100,000 poultry or less	\$ 5,850.00	Number		
		Acre CNMP for Poultry - greater than 100,000 poultry	\$ 7,350.00	Number		
		1. The eleven CNMP options above are available either to develop a new CNMP (where one does not exist) or revise an existing CNMP (when there is a greater than 30% expansion in animal numbers).				
		2. The eleven "Acre CNMP" options above are available for CNMP activities associated with manure and waste generation, collection, storage and handling, land treatment, and nutrient management of the system.				
		3. These CNMP options can not be used if 50% or more of the manure or organic products are exported (material is transferred to another owner with written documentation of transfer).				
		Acre Export CNMP for Beef Cattle - less than 100 beef cattle	\$ 4,250.00	Number		
		Acre Export CNMP for Beef Cattle - 100 to 500 beef cattle	\$ 5,300.00	Number		
		Acre Export CNMP for Beef Cattle - 500 or more beef cattle	\$ 6,950.00	Number		
		Acre Export CNMP for Dairy Cows - less than 100 dairy cows	\$ 5,050.00	Number		
		Acre Export CNMP for Dairy Cows - 100 to 200 dairy cows	\$ 6,350.00	Number		
		Acre Export CNMP for Dairy Cows - 200 or more dairy cows	\$ 8,250.00	Number		
		Acre Export CNMP for Swine - less than 2000 swine	\$ 4,500.00	Number		
		Acre Export CNMP for Swine - 2000 to 3000 swine	\$ 5,670.00	Number		
		Acre Export CNMP for Swine - 3000 or more swine	\$ 7,350.00	Number		
		Acre Export CNMP for Poultry - 100,000 poultry or less	\$ 3,650.00	Number		
		Acre Export CNMP for Poultry - greater than 100,000 poultry	\$ 4,810.00	Number		
		1. The eleven CNMP options above are available either to develop a new CNMP (where one does not exist) or revise an existing CNMP (when there is a greater than 30% expansion in animal numbers).				
		2. The eleven "Acre Export CNMP" options above are available for CNMP activities associated with manure and waste generation, collection, storage and handling, land treatment, and nutrient management of an operation that exports 50% or more of the manure or organic products.				
		3. Export involves the physical transfer of manure or organic products to another owner with written documentation of transfer.				
1. This practice can only be included in the contract when the producer has agreed to utilize a TechReg certified TSP to develop all aspects of the CNMP.						
2. Payment is not authorized if NRCS, SWCD, or MDC staff, or a non Tech Reg certified party, develops any portion of the CNMP.						
3. This CNMP must be developed prior to the design and installation of any EQIP-assisted animal waste facility in this contract.						
4. These CNMP Payments Rates will be the only contracted funding assistance available for CNMP's developed by a TechReg certified TSP for the contract.						

(final version will be based on new Farm Bill requirements)						
Practice Code	Practice Unit	Conservation Practice	Payment Rate 3/	Pmt Unit	Max. Payment per Contract	Lifespan
327	Acre	Conservation Cover				3 Years
		Cool Season Grasses &/or Legumes	\$ 64.90	Acre		
		Warm Season Grasses &/or Legumes	\$ 119.40	Acre		
		Forbs	\$ 30.35	pound		
		1. The addition of forb species to grass &/or legume seeding mixture above.				
		Fertilizer - Nitrogen	\$ 0.56	pound		
		Fertilizer - Phosphorus	\$ 0.68	pound		
		Fertilizer - Potash	\$ 0.45	pound		
		Lime - ENM	\$ 2.45	per 100#		
		1. Payment is authorized for fertilizer & lime when applied according to soil test recommendation and used in conjunction with a new seeding mixture above.				
1. Payment is authorized for the establishment and maintenance of permanent vegetative cover on land being retired from agricultural production use.						
2. See the "Conservation Cover" conservation practice standard.						
328	Acre	Conservation Crop Rotation				1 Year
		Adding Grass and/or Legume	\$ 132.00	Acre		
		1. This is a one-time only payment when a grass and/or forage legume planting is maintained for a minimum of one year during an annually tilled/planted crop rotation.				
		2. This option is not for the long-term establishment of a grass &/or forage legume stand to be used for pasture, hayland, or wildlife.				
		Organic Farming (Adoption Period Required)	\$ 120.00	Acre		
1. Eligible acres can not have been previously used to produce organic crops, but are in transition to organic crop production.						
2. Evidence of certification or application for certification by a National Organic Program-accredited certifying agent is required.						
3. No more than three separate Adoption Period Required options may be combined per acre.						
1. See the "Conservation Crop Rotation" conservation practice standard.						
340	Acre	Cover Crop (Adoption Period Required)	\$ 38.00	Acre		1 Year
1. Payment is authorized when a winter cover crop is seeded and maintained until at least March 15, and then sprayed with herbicide just prior to spring planting; hay or seed can not be harvested from the cover crop.						
2. If the purpose is to reduce soil erosion, the cover must be maintained through the critical erosion period according to the Residue Management Seasonal (344) conservation practice standard.						
3. No more than three separate Adoption Period Required options may be combined per acre.						
4. See the "Cover Crop" conservation practice standard.						
342	Acre	Critical Area Planting				10 Years
		Cool Season Grasses (CSG) With Mulching	\$ 459.80	Acre		
		Warm Season Grasses (WSG) With Mulching	\$ 515.50	Acre		
		CSG With Companion Crop or Into Existing Residue	\$ 252.10	Acre		
		WSG With Companion Crop or Into Existing Residue	\$ 307.80	Acre		
1. See the "Critical Area Planting" conservation practice standard.						
362	Feet	Diversion				10 Years
		Small - <=2000 cubic yards earthfill &/or <=1400 ft in length	\$ 1.40	Feet		
		Large - >2000 cubic yards earthfill &/or >1400 ft in length	\$ 1.20	Feet		
1. See the "Diversion" conservation practice standard.						
554	Acre	Drainage Water Management (Adoption Period Required)	\$ 4.80	Acre		10 Years
1. This practice is only authorized on drainage systems in place when the EQIP application is initiated; when used in conjunction with "Shallow Water Development & Management for Wildlife", existing berms or levees must be in place when the EQIP application is initiated.						
2. Payment is available where drainage can be manipulated through the use of water control structures at the outlets.						
3. "Nutrient Management" is required in conjunction with this practice; payment for "Nutrient Management" is only available if it is not already being applied on the farm applying for EQIP.						
4. No more than three separate Adoption Period Required options may be combined per acre.						
5. See the "Drainage Water Management" conservation practice standard.						

Practice Code	Practice Unit	Conservation Practice	Payment Rate 3/	Pmt Unit	Max. Payment per Contract	Lifespan
647	Acre	<b>Early Successional Habitat Development/Mgmt (Adoption Period Required)</b>				15Years
		<b>Disking of perennial vegetation</b>	\$ 40.00	Acre		
		1. Disking will result in 30 to 70% bare ground, to improve upland wildlife habitat, annual seed production, and brood habitat. 2. This option is to manipulate existing vegetation, not to prepare land for stand renovation/replanting.				
		<b>Flex Fallow</b>	\$ 200.00	Acre		
		1. Leave up to 10% of a cropland field acres idle or plant to wildlife friendly legumes. 2. Idle areas must be next to 0.1 acre of quality shrubby/woody cover per 40 acres of crop field; these 0.1 acre areas may be existing cover or created through edgefeathering, downed tree structures or shrub plantings. 3. Idle areas must be a minimum of 30 feet wide and can be arranged in strips, odd corners, or blocks. 4. Payment is earned only on the 'idled' cropland acres, not on entire crop field acres.				
		1. No more than three separate Adoption Period Required options may be combined per acre. 2. See the "Early Successional Habitat Development/Management" conservation practice standard.				
382	Feet	<b>Fence</b>				20 Years
		<b>Fence - Single Strand Hi-Tensile</b>	\$ 0.52	Feet		
		1. One strand hi-tensile electric wire used as cross-fence or for exclusion barrier (temporary fence not eligible).				
		<b>Fence - Multi Strand Permanent</b>	\$ 1.35	Feet		
		1. Permanent, multi-strand wire (barbed or woven or hi-tensile electric or hi-tensile non-electric) used as a barrier to contain, exclude, or control livestock, wildlife, or humans.				
1. This practice is only authorized as a component of a "Prescribed Grazing", "Use Exclusion", "Anaerobic Digester", "Waste Storage Facility" and/or "Waste Treatment Lagoon" to exclude livestock from areas that need protection; confine livestock to an area; control domestic livestock while permitting wildlife movement; and/or subdivide grazing acres to facilitate the use of a prescribed grazing system. 2. See the "Fence" conservation practice standard.						
386	Feet	<b>Field Border</b>				10 Years
		<b>Any Cool Season Grass or 'Non-Wildlife Friendly' Warm Season Grass</b>	\$ 0.14	Feet		
		<b>Wildlife Friendly Warm Season Grasses</b>	\$ 0.30	Feet		
		See 645 - Upland Wildlife Habitat Management Standard - Table 1 for Wildlife Friendly Mixes				
1. Payment is not available for natural regeneration of any field border acres. 2. This is a one-time only payment, based on the number of linear feet of field border established. 3. See the "Field Border" conservation practice standard.						
384	Acre	<b>Forest Slash Management</b>				1 Year
		<b>Forest Slash Management - Light without Plan</b>	\$ 185.30	Acre		
		<b>Forest Slash Management - Light with Plan</b>	\$ 213.80	Acre		
		1.Cut up & scatter woody plant residue into lengths to allow the remaining slash to lie close to ground.				
		<b>Forest Slash Management - Medium without Plan</b>	\$ 393.90	Acre		
		<b>Forest Slash Management - Medium with Plan</b>	\$ 454.50	Acre		
		1.Using equipment to crush/grind slash to <2' OR heavy cutting & scattering with possible light chipping.				
		<b>Forest Slash Management - Heavy without Plan</b>	\$ 545.30	Acre		
		<b>Forest Slash Management - Heavy with Plan</b>	\$ 629.20	Acre		
		1. Removal of slash from a treated area to utilize or safely dispose of slash OR chipping slash to use on-site or remove off-site.				
1. Financial assistance for this practice is available to address forested acres impacted by documented natural events (i.e., storm damage from wind, tornado, ice, other non-manmade events). 2. Plan in the above options refers to either a Prescribed Forestry Plan or a Forest Stewardship Plan (must have been developed prior to submission of application, and reference the applied-for activity). 3. See the "Forest Slash Management" conservation practice standard.						

Practice Code		Practice Unit	Conservation Practice	Payment Rate 3/	Pmt Unit	Max. Payment per Contract	Lifespan	
666	Acre	Forest Stand Improvement					10 Years	
		Forest Stand Improvement - Light without Plan		\$	55.00	Acre		
		Forest Stand Improvement - Light with Plan		\$	64.00	Acre		
		1. Light FSI reduces basal area by 20-30 square feet per acre, or eliminate or kill up to 199 trees per acre, or for woody vine control.						
		Forest Stand Improvement - Medium without Plan		\$	66.00	Acre		
		Forest Stand Improvement - Medium with Plan		\$	76.00	Acre		
		1. Medium FSI reduces basal area by 31-40 square feet per acre, or eliminate or kill 200-400 trees per acre.						
		Forest Stand Improvement - Heavy without Plan		\$	86.00	Acre		
		Forest Stand Improvement - Heavy with Plan		\$	99.00	Acre		
		1. Heavy FSI reduces basal area by 41 or more square feet per acre, or eliminate or kill over 400 trees per acre.						
		Forest Stand Improvement - Environmental Harvest		\$	30.00	Acre		
		1. Thinning must follow a forest harvest prescription plan, as developed by a Tech-Reg forestry certified party, a Society of American Foresters Certified Forester, or an MDC forester.						
		2. Minimum removal must be >20% of the existing basal area and less than A-line stocking.						
3. Residual stocking must meet or exceed B-line stocking, unless shelterwood residual basal area is needed to meet natural disaster stocking guidelines.								
4. Area must be excluded from livestock.								
5. Payment can not be combined with a non-harvest FSI payment on the same acres in the same year as application of this practice option.								
1. Plan in the 'Light/Medium/Heavy' options refers to either a Prescribed Forestry Plan or a Forest Stewardship Plan (must have been developed prior to submission of application, and reference the applied-for activity).								
2. Payment is not authorized for FSI - Light/Medium/Heavy in forest stands if forest products may be removed commercially (timber, posts, or fuel wood) during forest stand improvement work.								
3. Payment for FSI - Light/Medium/Heavy may be used either before or after a commercial harvest to treat the stand.								
4. See the "Forest Stand Improvement" conservation practice standard.								
655	Acre	Forest Trails and Landings					5 Years	
		Average Slope 0 - 15 % without Plan		\$	575.00	Acre		
		Average Slope 0 - 15 % with Plan		\$	663.00	Acre		
		Average Slope >15% without Plan		\$	950.00	Acre		
		Average Slope >15% with Plan		\$	1,096.00	Acre		
1. Plan in the above options refers to either a Prescribed Forestry Plan or a Forest Stewardship Plan (must have been developed prior to submission of application, and reference the applied-for activity).								
2. See the "Forest Trails and Landings" conservation practice standard.								
410	Number	Grade Stabilization Structure				\$	8,250.00	15 Years
		Earthen Embankment Dam - 4" thru 6" Spillway Pipe		\$	2.18	cu yds fill		
		Earthen Embankment Dam - 8" thru 12" Spillway Pipe		\$	2.29	cu yds fill		
		Earthen Embankment Dam - >12" Spillway Pipe		\$	2.48	cu yds fill		
		Full-Flow Box Inlet Drop Structure- Concrete		\$	509.05	cu yds		
		Full-Flow Chute Structure- Rock or Fabric or Fill		\$	22.85	tons		
		Side Inlet Drain Structure - Pipe		\$	33.99	ft of pipe		
1. Payment is authorized for this practice when it is the least-cost method for an outlet in conjunction with a "Terrace" or "Grassed Waterway" conservation practice and the terrace or waterway was previously installed or is included in this EQIP application.								
2. Payment is also authorized for this practice as an outlet in conjunction with Main, Lateral, and/or Field Ditches installed for surface drainage in bottomland fields.								
3. See the "Grade Stabilization Structure" conservation practice standard.								
412	Acre	Grassed Waterway		\$	1,813.60	Acre	10 Years	
1. See the "Grassed Waterway" conservation practice standard.								
561	Acre	Heavy Use Area Protection					10 Years	
		Gravel - light (6 inches gravel with geotextile fabric)		\$	4.39	sq yd		
		Gravel - heavy (12 inches gravel with geotextile fabric)		\$	7.85	sq yd		
		Concrete Pad and Gravel		\$	19.33	sq yd		
1. Payment for this practice is only authorized as a component of "Prescribed Grazing", "Use Exclusion", or as a part of a CNMP (the CNMP must be developed, or updated if a CNMP exists, prior to the design and installation of this practice).								
2. See the "Heavy Use Area Protection" conservation practice standard.								

Practice Code	Practice Unit	Conservation Practice	Payment Rate 3/	Pmt Unit	Max. Payment per Contract	Lifespan
464	Acre	Irrigation Land Leveling	\$ 129.00	Acre	160 acres	15 Years
1. Payment is only authorized for re-grading cropland fields that are currently surface irrigated. 2. Payment is authorized for no more than one FY09 EQIP contract per tract; more than one tract may be on a contract if within the 160 acres maximum per contract. 3. "Irrigation Water Management" is required in conjunction with this practice. 4. This practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance. 5. See the "Irrigation Land Leveling" conservation practice standard.						
442	Number & Acre	Irrigation System - Sprinkler				15 Years
		Center Pivot - Nozzle Retrofit	\$ 1.30	Feet		
		Center Pivot - Drops and Nozzle Retrofit	\$ 2.38	Feet		
		Center Pivot - Regulator and Drops and Nozzle Retrofit	\$ 2.99	Feet		
		1. Payment is authorized on crop fields with an existing sprinkler irrigation system to increase the system efficiency according to the practice standard: for the replacement of the existing sprinklers or nozzles OR the installation of flexible plastic drops with nozzles. 2. Payment is authorized for the installation of pressure regulators on systems where field slopes are equal or exceed ½%.				
		Booster Pump/End Gun System	\$ 1,491.00	Number		
		1. Payment is authorized when a booster pump or end gun is added to an existing center pivot system AND when used in conjunction with applications requesting assistance under one of the "Center Pivot" options of 442 noted above.				
		Conversion to Center Pivot	\$ 27.48	Feet		
		1. Payment is authorized on fields with existing surface irrigation systems, when converting to a center pivot irrigation system. 2. This payment rate includes costs for nozzles with drops, check valve, concrete pad, & pivot structure; payment is not available for wells or power supplies. 3. This option can NOT be used when converting from a 'traveling gun' system.				
		1. "Irrigation Water Management" is required in conjunction with this practice. 2. This practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance. 3. See the "Irrigation System – Sprinkler" conservation practice standard.				
443	Number & Acre	Irrigation System - Surface and Subsurface				15 Years
		10" or less Surge Valves - Furrow Irrigated	\$ 1,102.00	Number		
		12" and greater Surge Valves - Furrow Irrigated	\$ 1,384.00	Number		
		Multiple Inlet Irrigation	\$ 6.90	Acre		
1. Payment is authorized for surge valves installed according to the requirements of the practice standard. 2. Flat-graded fields must have permanent levees established on all sides of the field (except the crown) to be eligible for payment. 3. "Irrigation Water Management" is required in conjunction with this practice. 4. This practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance. 5. See the "Irrigation System – Surface and Subsurface" conservation practice standard.						
430-DD	Feet	Irrigation Water Conveyance				25 Years
		Pipe diameter is 8 inches or less	\$ 4.90	Feet		
		1. This payment is for underground pipe systems that are 8 inches or less in diameter.				
		Pipe diameter is 10-12 inches	\$ 7.17	Feet		
		1. This payment is for underground pipe systems that are 10 - 12 inches in diameter.				
		Pipe diameter is 15 inches or more	\$ 11.73	Feet		
1. This payment is for underground pipe systems that are 15 inches or more in diameter.						
1. Payment is authorized on crop fields with an existing irrigation system. 2. The pipeline shall be used to reorganize an existing irrigation system or to replace a temporary water conveyance system (to convey water from a well or reservoir to the irrigation system). 3. "Irrigation Water Management" is required in conjunction with this practice. 4. This practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance. 5. See the "Irrigation Water Conveyance" conservation practice standard.						
449	Acre	Irrigation Water Management (Adoption Period Required)	\$ 4.80	Acre		1 year
1. The payment is authorized on existing irrigated acres when EQIP funds will be used to apply one or more of the following practices: 464, 441, 442, 443, 447, 430-DD, 533 (irrigation options only). 2. This practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance. 3. No more than three separate Adoption Period Required options may be combined per acre. 4. See the "Irrigation Water Management" conservation practice standard.						

Practice Code	Practice Unit	Conservation Practice	Payment Rate 3/	Pmt Unit	Max. Payment per Contract	Lifespan
634	Number	Manure Transfer				10 Years
		Pipeline	\$ 6.32	linear ft		
		1. Payment is available for underground manure transfer pipeline and appurtances.				
		Manure Transport	\$ 99.50	acre	See below	
		1. The specific process <i>MUST</i> be provided to the EQIP Manager in writing at the time of EQIP application AND receive written approval prior to CPO development.				
		2. Payment total for manure transport is limited to \$15,500 for NLRF or BF, or \$23,250 for LRF, per animal species.				
		3. This is a one-time payment per acre served, when manure transport is completed according to a CNMP (i.e., <i>not</i> multiple payments for manure transport on the same acres).				
		Flush System	\$ 146.60	ft. width		
1. Payment is available for installation which includes all materials, labor, equipment, and appurtenences for a complete operational flush system; payment is based on the width of the flush lane, alley or pen.						
1. Payment for this practice is applicable only as a component of an overall CNMP where manure is generated by livestock production or processing and a conveyance system is necessary to transfer manure.						
2. The CNMP must be developed (or updated if a CNMP already exists) prior to the design and installation of this practice.						
3. Transfer may be from a production facility to a storage/treatment facility OR from a storage/treatment facility to an area of utilization.						
4. See the "Manure Transfer" conservation practice standard.						
590	Acre	Nutrient Management (Adoption Period Required)				1 Year
		Basic Option Available for Pasture or Hayland Only	\$ 3.80	Acre		
		1. This payment is available when all nutrients are applied on existing pasture or hayland acres in accordance with the minimums stated in an applicable soil test, plus or minus 10% by individual nutrient.				
		(A)Manure Application & Management or (B) Nitrification Inhibitor or (C) Controlled-Release N or (D) Urease Inhibitor or (E) Precision Technology Equipment	\$ 10.60	Acre		
		1. Payment is for the application of only one of the following options: (A) Land application of manure or organic by-products for nutrient utilization by crops OR (B) Using a nitrification inhibitor with anhydrous ammonia application OR (C) Application of polymer-coated urea or ureaform-type fertilizers OR (D) Using an urease inhibitor when applying urea fertilizer either pre-plant (no more than 30 days prior to anticipated planting date) or at planting OR (E) Using precision technology equipment to collect GPS yield data to document the effects of variable rate applications; must include capability to produce yield maps.				
		(Y)Variable Rate P& K	\$ 12.00	Acre		
		1. Payment is for the application of P & K using variable rate technology for long-term analysis of grid or zone soil sampling.				
		(Z)Split Nitrogen Application	\$ 30.10	Acre		
		1. Payment is for the application of 50% or less of the total recommended N applied either pre-plant (no more than 30 days prior to anticipated planting date) or at planting, with the remaining N applied after crop establishment.				
		Precision Nitrogen Management	\$ 36.70	Acre		
1.Payment is available when in-field crop color sensing technology is used AND variable rate nitrogen fertilizer application is completed.						
1. Minimum requirements of the nutrient management conservation practice standard must be met on all of the above, in addition to the requirements of the selected payment option.						
2. Only one nutrient management option can be selected for payment per field per contract.						
3. No more than three separate Adoption Period Required options may be combined per acre.						
4. See the "Nutrient Management" conservation practice standard.						

Practice Code	Practice Unit	Conservation Practice	Payment Rate 3/	Pmt Unit	Max. Payment per Contract	Lifespan	
512	Acre	Pasture and Hayland Planting				10 Years	
		Interseeding Legumes	\$ 22.10	Acre			
		1. Payment is available for interseeding legumes into existing grass pasture or hayland acres.					
		Cropland to Cool Season Grasses (CSG) or CSG & Legumes	\$ 66.90	Acre			
		Cropland to Warm Season Grasses (WSG)	\$ 121.40	Acre			
		1. Payment for the above two options is authorized on acres currently used for cultivated cropland production.					
		Cool Season Grass Renovation	\$ 67.00	Acre			
		Warm Season Grass Renovation	\$ 121.50	Acre			
		1. Payment for the above two options is authorized when the current grassland condition is rated Very Poor or Poor on a JS-AGRON-24.					
		Endophyte-infected Fescue Renovation	\$ 110.40	Acre			
		1. Payment is authorized when existing fescue acres are endophyte-infected AND the renovation/conversion process will require a 'spray-smother-spray' technique prior to seeding a 'friendly endophyte' or non-endophyte grass or grass & legume specie(s).					
		Fertilizer - Nitrogen	\$ 0.56	pound			
		Fertilizer - Phosphorus	\$ 0.68	pound			
		Fertilizer - Potash	\$ 0.45	pound			
		Lime - ENM	\$ 2.45	per 100#			
1. Payment is authorized for fertilizer & lime when applied according to soil test recommendation and used in conjunction with a new seeding mixture above.							
1. Payment is not authorized for the conversion of native prairie or woodland to pasture or hayland.							
2. See the "Pasture and Hayland Planting" conservation practice standard.							
595	Acre	Pest Management				1 Year	
		Precision Application (Adoption Period Required)	\$ 8.70	Acre			
		1. Payment is available to use GPS-enabled precision auto-steer or light bars, to reduce pesticide overlap.					
		2. GPS accuracy must be sub-meter or better.					
		3. Producer must provide a scouting report AND an as-applied map as part of that report.					
4. No more than three separate Adoption Period Required options may be combined per acre.							
Herbaceous Species Control/Suppression					\$ 28.60	Acre	
1. Payment is available for control or suppression of herbaceous vegetation (fescue, sericea lespedeza, etc); it is not for site preparation activities planned for a new seeding.							
2. Inventories required at: (1) pre-treatment application to determine problem area(s) and species, and (2) post-treatment to determine effectiveness.							
3. Payment may be made up to two times per acre when needed.							
1. Only one Pest Management option can be earned per field per contract.							
2. See the "Pest Management" conservation practice standard.							
516	Feet	Pipeline				20 Years	
		Above-ground for seasonal water at point-of-use	\$ 0.48	Feet			
		Buried pipeline to convey water to point-of-use	\$ 1.79	Feet			
		Buried delivery pipe for gravity flow systems	\$ 3.19	Feet			
1. Payment for this practice is only available as a component of "Prescribed Grazing" and/or "Use Exclusion" to provide livestock water on grazing lands where existing water supplies are inadequate for proper grazing management and site conditions warrant the practice.							
2. See the "Pipeline" conservation practice standard.							
338	Acre	Prescribed Burning				5 Years	
		Prescribed Burning - Grassland	\$ 18.80	Acre			
		Prescribed Burn - Woodland (>30% woody cover & >3" DBH)	\$ 40.20	Acre			
1. See the "Prescribed Burning" conservation practice standard.							
409	Acre	Prescribed Forestry				10 Years	
		Prescribed Forestry - by MDC or NRCS	\$ 6.00	Acre	100 acres		
		1. This option is used when an MDC forester or an NRCS forester/soil conservationist (forestry emphasis) develops the Conservation Plan on Forest Land, addressing all forestland on the tract.					
		Prescribed Forestry - by certified forester	\$ 12.00	Acre	100 acres		
		1. This option is used when a Tech Reg forestry certified party OR a Society of American Foresters Certified Forester develops the Conservation Plan on Forest Land, addressing all forestland on the tract.					
1. This is a one-time only payment, on a maximum of 100 acres per (FSA) Farm number, regardless of tracts offered; only one payment option can be earned per Farm number.							
2. If accepted, the FY09 contract participant will NOT be eligible for an EQIP "Prescribed Forestry" payment on one 'tract' in an FY09 contract and then a different 'tract' on the same Farm number in a subsequent year, regardless of whether the Conservation Plan on Forest Land is developed for only one tract (i.e., will NOT be allowed to submit other tracts on the same Farm # in future years for this practice).							
3. See the "Prescribed Forestry" conservation practice standard.							



Practice Code	Practice Unit	Conservation Practice	Payment Rate 3/	Pmt Unit	Max. Payment per Contract	Lifespan		
528	Acre	<b>Prescribed Grazing (Adoption Period Required)</b>				5 Years		
		<b>New Grazing System</b>	\$ 11.10	Acre				
		1. New grazing systems must establish a minimum of 4 new paddocks to be eligible. 2. This payment can not be made for subdividing existing paddocks which currently meet this Standard or for acres which have previously received a Prescribed Grazing payment. 3. See the MO NRCS "Prescribed Grazing" EQIP Activity Sheet.						
		<b>Stockpiling and Stripgrazing</b>	\$ 56.00	Acre				
		1. This practice is applicable to fields that are predominately tall fescue. 2. Payment is limited to a maximum of 1 acre per animal unit (animal unit is equal to 1000 pounds liveweight). 3. See the MO NRCS "Stockpile/Stripgraze" Activity sheet. 4. This payment may be earned in addition to another "Prescribed Grazing" payment.						
		<b>Supplemental Feeding Management-Tractor Mount</b>	\$ 563.00	Number				
		<b>Supplemental Feeding Management-Truck Mount</b>	\$ 3,375.00	Number				
		1. The specific process for either of the above two options must be <i>provided to the EQIP Manager in writing at the time of application</i> AND receive written approval prior to CPO development; only one option is allowed for payment. 2. Payment is not available if the applicant currently owns this type of equipment or has previously implemented either activity on this Farm. 3. See the MO NRCS "Supplemental Feeding Management" Activity sheet.						
		1. No more than three separate Adoption Period Required options may be combined per acre. 2. See the "Prescribed Grazing" conservation practice standard.						
		533	Number	<b>Pumping Plant</b>				
<b>Fuel Engine Pump</b>	\$ 132.16			horsepower				
<b>Chopper or Screw or Sewage Pump</b>	\$ 675.00			horsepower				
1. Payment is only authorized for the above options when needed as a component of a CNMP. 2. <i>The type and size of the pump MUST be provided to the State EQIP Manager at the time of applicaiton AND receive written approval back PRIOR to CPO development .</i> 3. The CNMP must be developed (or updated if a CNMP already exists) prior to the design and installation of this practice.								
<b>Shallow Draw Watering System</b>	\$ 1,107.00			Number				
<b>Deep Draw Watering System</b>	\$ 1,669.00			Number				
1. Payment for the above two options is only authorized when needed as a component of "Prescribed Grazing", "Use Exclusion" and/or a CNMP (when needed to address an existing wellhead resource concern). 2. Payment is authorized on grazing lands where the current water supply is inadequate, and the underground water supply is adequate in quantity and quality for the purpose to be served and can be developed at an economical cost. 3. Payment can be used when a functioning well already exists OR in conjunction with new well.								
<b>Alternative Energy (Solar or Wind) for Prescribed Grazing</b>	\$ 3,938.00			Number				
1. Payment for this option is only available when used in conjunction with new "Prescribed Grazing" systems; payment is not eligible on systems that currently meet the 528 Standard.								
<b>Flowmeter &amp; Installation (system &gt;100,000 gal/day)</b>	\$ 1,050.00			Number				
1. Payment is only authorized on land that has been irrigated 2 of the past 5 years prior to application for assistance AND on systems that have a >100,000 gallon per day capacity. 2. "Irrigation Water Management" is required in conjunction with this option.								
<b>Pump Motor Replacement</b>	\$ 75.00			horsepower				
1. Currently, this option is only available in EPA-designated non-attainment areas of the following counties: Franklin, Jefferson, St Charles and St Louis; see 4 NOTE below. 2. Payment is authorized to replace a diesel pump motor with a new tier 3 motor (>50 hp and meets EPA standards for reduced emissions of nitrogen oxides, particulate matter, sulfur dioxide, carbon monoxide, and hydrocarbons) in a pumping facility. 3. The facility must be utilized to transfer water for a conservation need such as: removing excess surface water OR irrigation pumping from wells, ponds, streams and other sources (only available on land that has been irrigated 2 of the past 5 years prior to application for assistance). 4. NOTE: This option may also be offered statewide if the new Farm Bill Rule for EQIP allows this option when needed to address air quality.								
1. Payment is not authorized for electricity or a power unit or for PTO-driven pumps. 2. See the "Pumping Plant" conservation practice standard.								

Practice Code	Practice Unit	Conservation Practice	Payment Rate 3/	Pmt Unit	Max. Payment per Contract	Lifespan
329	Acre	Residue Management, No Till/Strip Till (Adoption Period Required)	\$ 34.60	Acre		1 Year
1. Acres must be continuously no-tilled for two (2) consecutive years to receive this payment; first year payment is made the first year crop is no-till/strip till planted, second year payment is made the next year when the second crop is no-tilled/strip tilled. 2. No more than three separate Adoption Period Required options may be combined per acre. 3. See "Residue Management, No Till and Strip Till" conservation practice standard.						
643	Acre	Restoration and Management of Rare or Declining Habitats				15 Years
		Native Ecotype Grasses &/or Forbs Establishment	\$ 300.00	Acre		
		1. Payment is for the establishment of native Missouri ecotype cover to restore prairie, glade &/or savanna herbaceous vegetation. 2. Acres must currently be used for crop production, pastureland, or be an existing degraded habitat.				
		Prairie Cordgrass Restoration	\$ 96.00	Acre		
		1.Payment is for the establishment of prairie cordgrass (plugs &/or rhizomes) to restore wetland prairie communities.				
		Giant Canebreak Restoration	\$ 618.00	Acre		
		1.Payment is for the establishment of 1-acre plots of giant cane (rootballs) in existing cropland, pasture or riparian corridors.				
		Management (Adoption Period Required)	\$ 123.00	Acre		
		1. Payment is for management of rare &/or declining native vegetative communities. 2. No more than three separate Adoption Period Required options may be combined per acre.				
		Management - Prairie Focus Areas (Adoption Period Required)	\$ 175.00	Acre		
		1. Payment is for the management of rare or declining native vegetated communities within prairie focus areas. 2. Cannot be combined with any other Management payments for Restoration and Management of Rare or Declining Habitats.				
1. Payment for restoration/establishment activities can not be earned in the same fiscal year on the same acres as management activities . 2. See the "Restoration and Management of Rare or Declining Habitat" conservation practice standard.						
646	Acre	Shallow Water Development & Management for Wildlife (Adoption Period Required)	\$ 43.00	Acre		10 Years
1. Payment is only available on acres used for cropland production (i.e., annually tilled crops only; acres used for pasture, hay, etc, are NOT eligible for this payment). 2. Standing water must be present for a minimum of 30 consecutive days between October 15 and February 15. 3."Nutrient Management" is required in conjunction with this practice on fields planned for seasonal flooding; payment for "Nutrient Management" is only available if it is not (or has not) being applied on the farm applying for EQIP. 4. No more than three separate Adoption Period Required options may be combined per acre. 5. See the "Shallow Water Management for Wildlife" conservation practice standard.						
572	Acre	Spoil Spreading				1 Year
		Excavate&Spread - Sediment 2' Deep or less & Top Width < 20'	\$ 0.05	sq ft		
		Excavate&Spread - Sediment 2' Deep or less & Top >=20' Wide	\$ 0.07	sq ft		
		Excavate&Spread - Sediment >2-4' Deep & Top Width <20'	\$ 0.11	sq ft		
		Excavate&Spread - Sediment >2-4' Deep & Top Width >=20'	\$ 0.14	sq ft		
		Excavate&Spread - Sediment >4' Deep	\$ 0.20	sq ft		
		1. Payment on the above options is available to excavate sediment AND spread the excavated spoil materials.				
		Spreading Only - Sediment Previously Excavated	\$ 0.63	linear ft		
		1. Payment is authorized for spreading spoil materials that were previously excavated without EQIP financial assistance.				
1. Only acres that are annually tilled cropland acres AND located in FEMA-designated 100-year floodplains AND located in a county that FEMA designated in 2007 or 2008 with an incident disaster of 'flooding', are eligible for financial assistance when ALL of the following criteria are met: a) The drainage ditch must convey drainage water from more than one landowner's property, and the ditch must be either a main or lateral ditch as opposed to a field ditch, AND b) The drainage ditch must be a man-made channel that is currently being operated and maintained as opposed to a natural slough, depression, creek or river, AND c) The drainage ditch must contain an average of 6 inches or more of sediment depth. 2. Only one spoil spreading option can be selected for payment per running/linear foot of ditch. 3. Calculations are as follows: Excavate & Spread options are based on the ditch length in feet X the average top width of the sediment to be removed from the ditch; Spreading Only option is based on how many feet of ditch had sediment removed previously without EQIP financial assistance. 4. See the "Spoil Spreading" conservation practice standard.						

Practice Code	Practice Unit	Conservation Practice	Payment Rate 3/	Pmt Unit	Max. Payment per Contract	Lifespan
574	Number	Spring Development				10 Years
		Horizontal PVC	\$ 6.61	Feet		
		Collection Box	\$ 568.00	Number		
		Collection Pipe	\$ 638.00	Number		
1. Payment is authorized for this practice only as a component of "Prescribed Grazing" and/or "Use Exclusion" to improve the distribution of water or to increase the quantity and quality of water for livestock. 2. See the "Spring Development" conservation practice standard.						
578	Number	Stream Crossing				10 Years
		Rock	\$ 2.38	sq ft		
		Concrete	\$ 5.12	sq ft		
1. Payment is only authorized as a component of the "Prescribed Grazing" or "Use Exclusion" conservation practices. 2. Payment is limited to fencing, gravel, crushed stone, rip-rap rock, concrete, wood materials, geotextiles, and earth work to construct and protect stream crossings, landings, and trails; financial assistance is not available for bridges. 3. Stream crossings will be constructed at the same elevation as the channel bed. 4. Applicant will acquire all COE permits and wetland determinations before practice commencement. 5. See the "Stream Crossing" conservation practice standard.						
580	Feet	Streambank and Shoreline Protection			\$ 25,000.00	20 Years
		Willow Tree Staking	\$ 2.95	Feet		
		Coconut Fiber Log	\$ 4.92	Feet		
		Cedar Tree Revetment	\$ 13.57	Feet		
		Rock Rip-Rap	\$ 20.74	cu yd		
1. Only 1st, 2nd, and 3rd order streams are eligible for EQIP financial assistance; fourth order streams and larger are not eligible. 2. The maximum payment available is \$25,000 per contract. 3. Establishment of a "Riparian Forest Buffer" with "Use Exclusion" in accordance with an approved design plan is required. 4. The problem must be effectively solved with relatively simple structural measures and/or vegetation to be eligible. 5. The project area must be within a definable stream reach that has a stable beginning and a stable ending point. 6. Channels that have been altered by channelization or have had the natural floodplain width substantially restricted by levee systems are not eligible. 7. Streams or stream reaches that have been identified as "restricted" on the "Restricted and Priority Streams Map" are not eligible. 8. Streambank stabilization systems located where the failure of the components of the system would cause damage to or endanger utilities, roads, buildings, or other facilities and high value property adjacent to the project are NOT eligible. 9. All components of this system must meet applicable NRCS standards & specifications. 10. See the "Streambank and Shoreline Protection" conservation practice standard.						
587	Number	Structure for Water Control				20 Years
		Weir Box Structure - Pipe Diameter 15" or less	\$ 1,609.00	Number		
		Weir Box Structure - Pipe Diameter greater than 15"	\$ 3,087.00	Number		
		Stoplog Structure - Pipe Diameter 15" or less	\$ 2,465.00	Number		
		Stoplog Structure - Pipe Diameter greater than 15"	\$ 4,390.00	Number		
		Flap/Side Gate Structure - Pipe Diameter 15" or less	\$ 1,349.00	Number		
		Flap/Side Gate - Pipe Diameter greater than 15"	\$ 2,802.00	Number		
1. Payment is authorized for water control structures when needed for "Drainage Water Management" and/or for "Irrigation System - Surface and Subsurface." 2. See the "Structure for Water Control" conservation practice standard.						

Practice Code	Practice Unit	Conservation Practice	Payment Rate 3/	Pmt Unit	Max. Payment per Contract	Lifespan
600	Feet	<b>Terrace</b>				10 Years
		Broadbase construction - Closed Outlet	\$ 1.40	Feet		
		Broadbase construction - Open Outlet	\$ 1.10	Feet		
		Narrowbase or Steep Backslope - Closed Outlet	\$ 1.30	Feet		
		Narrowbase or Steep Backslope - Open Outlet	\$ 1.28	Feet		
		Topsoiling	\$ 0.47	Feet		
		1. Salvaging, stockpiling, and spreading of the top soil within the limits of the excavated channel and terrace ridge footprint as required by the conservation practice standard.				
1. See the "Terrace" conservation practice standard.						
612	Acre	<b>Tree/Shrub Establishment</b>				15 Years
		Bare Root Stock (trees &/or shrubs)	\$ 1.43	number		
		Container Stock (trees only)	\$ 15.14	number		
		1. The above options will include chemical, mechanical or mulch for weed control.				
		Bare Root Stock (trees &/or shrubs) Weed Mat & Pins	\$ 1.59	number		
		Container Stock (trees only) Weed Mat & Pins	\$ 15.30	number		
		1. The above two options will include weed mat & landscape pins for weed control.				
Tree/Shrub Seeds	\$ 226.10	Acre				
1. Bare Root and Container options require a minimum of three years weed control.						
2. Container shrubs <i>when used for farmstead shelterbelt/windbreaks</i> are eligible for payment at the 'Container Stock (trees only)' Payment Rate.						
3. See the "Tree/Shrub Establishment" conservation practice standard.						
490	Acre	<b>Tree/Shrub Site Preparation</b>				1 Year
		Tree/Shrub Site Prep - Chemical	\$ 24.60	Acre		
		Tree/Shrub Site Prep - Mechanical	\$ 42.30	Acre		
		Tree/Shrub Site Prep - Mechanical with Temporary Cover	\$ 75.60	Acre		
1. Payment is authorized for this practice for tree and shrub site preparation methods (chemical &/or mechanical) or mechanical site prep requiring temporary cover.						
2. When needed, payment is authorized for one chemical plus one mechanical treatment; payment is NOT authorized for more than one chemical or more than one mechanical treatment.						
3. See the "Tree/Shrub Site Preparation" conservation practice standard.						
620	Feet	<b>Underground Outlet</b>				20 Years
		Pipe Diameter - less than 6" is required	\$ 1.89	Feet		
		Pipe Diameter - 6" thru 8" is required	\$ 2.53	Feet		
		Pipe Diameter - 10" is required	\$ 4.07	Feet		
		Pipe Diameter - greater than 10" is required	\$ 5.35	Feet		
1. See the "Underground Outlet" conservation practice standard.						

Practice Code	Practice Unit	Conservation Practice	Payment Rate 3/	Pmt Unit	Max. Payment per Contract	Lifespan
645	Acre	Upland Wildlife Habitat Management				1 Year
		WHAG Management or Herbaceous Seeding Management (Adoption Period Required)	\$ 8.00	Acre		
		1. To be eligible for WHAG payment, current WHAG score must be below 0.5 at time of application on fields eligible for this Adoption Period Required payment. 2. Eligible fields must maintain a WHAG score at or above 0.5 for two years to earn payments. 3. The Herbaceous Seeding Management payment is to plant nesting and brood cover for wildlife according to Table 1 of this Standard. 4. No more than three separate Adoption Period Required options may be combined per acre.				
		Practice Bundle for Quail Habitat (Adoption Period Required)	\$ 36.00	Acre		
		1. Grassland Quail Bundle consists of all of the following on 40 acres: A. Livestock exclusion AND B. 30 ft. field borders around the entire field (or a minimum of 10% of the field acres) of native grass/forb mix (per Table 1 of 645) with adjacent covey headquarters or edgefeathering (0.1 acre) AND C. Complete eradication of fescue and brome in the field border, AND D. Prescribed burning, light disking, or herbicide treatment of field borders once every 5 years. 2. Cropland Quail Bundle consists of all of the following on 40 acres: A. 30 ft. field borders around the entire field (or a minimum of 10% of the field acres) of native grass/forb mix (per Table 1 of 645) with adjacent covey headquarters or edgefeathering (0.1 acre), AND B. Complete eradication of fescue and brome in the field border, AND C. Prescribed burning, light disking, or herbicide treatment of field borders once every 5 years. 3. Payment is only on those acres, in each 40 acre block, that meet all the minimum habitat requirements in the crop or grass bundle. 4. No more than three separate Adoption Period Required options may be combined per acre.				
		Perennial Food Plot	\$ 127.00	Acre		
		1. Payment is for establishing perennial plants such as green browse or desmodium food plots to provide food & cover for wildlife, in existing cropland, grassland, or forest openings (annual grain crops are NOT eligible for this payment).				
		Woody Cover Control (open)	\$ 194.00	Acre		
		1. Payment is for the removal of tree canopy (with stump treatment if needed) to promote herbaceous growth or early woody succession. 2. Forest Openings require going from an existing basal area of 70 or less, to a basal area of 0. 3. Savanna, Glade, Prairie, or Old Fields require removal of 40% or less of the existing canopy cover.				
		Woody Cover Control (closed) or Loess Hill or Edgefeathering	\$ 338.00	Acre		
1.Select only one of the following three options (A, B or C) for payment on any one acre (only one option may be applied on an acre): A. Woody Cover Control (closed): 1. Payment is for the removal of tree canopy (with stump treatment if needed) to promote herbaceous growth or early woody succession. 2. Forest Openings require going from an existing basal area greater than 70, to a basal area of 0. 3. Savanna, Glade, Prairie, or Old Fields require removal of more than 40% of the existing canopy cover. B. Loess Hill: 1. Payment is for the removal of woody cover on river bluff landscape positions in Loess Hill Prairie acres located in Atchison, Holt, Andrew, Buchanan and Platte counties. C. Edgefeathering: 1. Payment is for cutting &/or clipping, to create &/or restore early successional shrubby cover for wildlife. 2. Only one of the above three options (A or B or C) may receive payment on any acre for the life of the contract (i.e., can not stack options for payments).						
Downed Tree Structure	\$ 132.00	Each				
1. Payment is to fell select trees and place in adjacent field in order to provide covey headquarters. 2. Each structure for payment must utilize well-branched trees, interlocked & placed to cover a 30' X 50' area, with sod killed prior to placement.						
1. Grazing may be allowed only if it improves wildlife habitat and is included in the wildlife habitat management plan. 2. See the "Upland Wildlife Habitat Management" conservation practice standard.						
472	Acre	Use Exclusion (renamed Access Control in FY09)	\$ 140.30	Acre	80 acres	10 Years
1. Payment is authorized when a physical barrier is constructed and maintained to exclude livestock, thereby protecting sensitive areas &/or woodlands, ONLY IF livestock currently have access to the area to be excluded at the time of EQIP application. 2. This is a one-time only payment, based on the number of acres protected from livestock, not to exceed 80 acres per contract. 3. See the "Use Exclusion" conservation practice standard.						

Practice Code	Practice Unit	Conservation Practice	Payment Rate 3/	Pmt Unit	Max. Payment per Contract	Lifespan		
630	Number	Vertical Drain	\$ 1,873.00	Number		10 Years		
1. See the "Vertical Drain" conservation practice standard.								
367	Number	Waste Facility Cover 1/			\$ 100,000.00	25 Years		
		Biofilter Existing or Expanding-Low	\$ 1.53	cu ft				
		Biofilter Expanding-Medium	\$ 1.22	cu ft				
		Biofilter - High Expansion or All Other Operations	\$ 0.82	cu ft				
		1. The above three options are only available for mechanically ventilated pit manure storage located under swine confinement buildings, when needed to address air quality concerns.						
		2. The specific materials/equipment MUST be provided to the EQIP Manager in writing at the time of application AND receive written approval prior to CPO development .						
		3. Biofilter will be designed and constructed in accordance with "Biofilter Design Information" publication BAEU-18 (University of Minnesota Extension); see the MO NRCS "Biofilter" EQIP Activity Sheet.						
		4. Biofilter design and payment will be for the ventilation system manure pit only; capacity beyond this rate is not eligible for EQIP assistance.						
		Existing or Expanding - Low	\$ 0.96	sq ft				
		Expanding - Medium	\$ 0.77	sq ft				
Expanding - High or All Other Operations						\$ 0.51	sq ft	
1. Payment for this practice is authorized only as a component of a CNMP where waste/manure is generated by agricultural production or processing.								
2. The CNMP must be developed (or updated if a CNMP already exists) prior to the design and installation of this practice.								
3. Maximum payment available for this practice is \$100,000 per contract.								
4. See the "Waste Facility Cover" conservation practice standard.								
313	Number	Waste Storage Facility 1/				15 Years		
		Solids - Existing or Low Expansion (see item 3)	\$ 5.81	sq ft	2/			
		Solids - Medium Expansion (see item 3)	\$ 4.65	sq ft	2/			
		Solids - High Expansion or All Other Operations (see item 3)	\$ 3.10	sq ft	2/			
		Concrete Liquids - Existing or Low Expansion	\$ 1.50	cu ft	2/			
		Concrete Liquids - Medium Expansion	\$ 1.20	cu ft	2/			
		Concrete Liquids - High Expansion or All Other Ops	\$ 0.80	cu ft	2/			
		Glass Lined Liquids - Existing or Low Expansion	\$ 1.36	cu ft	2/			
		Glass Lined Liquids - Medium Expansion	\$ 1.09	cu ft	2/			
		Glass Lined Liquids - High Expansion or All Other Ops	\$ 0.72	cu ft	2/			
		Earthen Basin Liquids - Existing or Low Expansion	\$ 141.60	1000 cu ft	2/			
		Earthen Basin Liquids - Medium Expansion	\$ 113.28	1000 cu ft	2/			
		Earthen Basin Liquids-High Expansion or All Other Ops	\$ 75.52	1000 cu ft	2/			
		SolidsSeparator/LidTank - Existing or Low Expansion	\$ 5.60	cu ft	2/			
		SolidsSeparator/LidTank - Medium Expansion	\$ 4.48	cu ft	2/			
		SolidsSeparator/LidTank-High Expansion or All Other Ops	\$ 2.99	cu ft	2/			
		Beef & Dairy Facility Scrape Alley - Existing or Low Expansion	\$ 4.01	alley sq ft	2/			
		Beef & Dairy Facility Scrape Alley - Medium Expansion	\$ 3.21	alley sq ft	2/			
		Beef & Dairy Fac Scrape Alley - High Expansion or All Other	\$ 2.14	alley sq ft	2/			
		1. The Beef & Dairy options are for improvements such as concrete pavements, stormwater diversion & manure collection.						
2. This option may be used on other animals only when approved by the State EQIP Manager prior to submission of this EQIP application .								
1. Payment for this practice is authorized only as a component of a Comprehensive Nutrient Management Plan (CNMP) where waste is generated by agricultural production or processing.								
2. The CNMP must be developed (or updated if a CNMP already exists) prior to the design and installation of this practice.								
3. Payment for a stacking shed is only available when used for dry waste handling systems (e.g., poultry, scrap system, pack bedding).								
4. Construction of roofing over an existing or new livestock holding (temporary) or manure/litter storage areas may be eligible for payment under Beef & Dairy facility, if the proposed installation has been provided in writing to the EQIP Manager early in CPO development AND written approval (of that proposal) is received prior to contract approval .								
5. Payment is not authorized for roofing over an area typically used for housing, feeding and bedding of livestock (such as dairy free stall buildings, dairy milking parlors, swine houses, or poultry houses).								
6. Payment for a Winter Feeding Structure is only available in accordance with the MO NRCS "Winter Feeding Waste Management" EQIP Activity Sheet.								
7. See the "Waste Storage Facility" conservation practice standard.								

Practice Code		Practice Unit	Conservation Practice	Payment Rate 3/	Pmt Unit	Max. Payment per Contract	Lifespan
359	Number	Waste Treatment Lagoon 1/					15 Years
		With Sealant Treatment Existing or Expanding - Low		\$ 297.56	NRCS AU		
		With Sealant Treatment Expanding - Medium		\$ 238.04	NRCS AU		
		With Sealant Treatment Expanding - High or All Other Ops		\$ 158.70	NRCS AU		
		Without Sealant Treatment Existing or Expanding - Low		\$ 169.92	NRCS AU		
		Without Sealant Treatment Expanding - Medium		\$ 135.94	NRCS AU		
		Without Sealant Treatment Expanding - High or All Other Ops		\$ 90.62	NRCS AU		
1. Payment for this practice is authorized only as a component of a CNMP where waste is generated by agricultural production or processing. 2. The CNMP must be developed (or updated if a CNMP already exists) prior to the design and installation of this practice. 3. See the "Waste Treatment Lagoon" conservation practice standard.							
633	Acre	Waste Utilization (Adoption Period Required)	\$ 15.00	100 cu ft		1 Year	
1. Payment is only authorized for uses other than fertilization of crops, pasture, or haylands (examples of usage: energy production, processing, etc); payment will be based on 100 cubic foot increments of application/processing of the manure or litter. 2. The specific use MUST be provided to the State EQIP Manager for approval prior to submission of this EQIP application. 3. No more than three separate Adoption Period Required options may be combined per acre. 4. See the "Waste Utilization" conservation practice standard.							
638	Number	Water and Sediment Control Basin					10 Years
		When Using UGO		\$ 1.72	cu yds fill		
		When Using Principal Spillway Pipe		\$ 2.16	cu yds fill		
1. See the "Water and Sediment Control Basin" conservation practice standard.							
642	Number	Water Well	\$ 8.84	Feet	See below	20 Years	
1. Payment is only authorized for this practice as a component of "Prescribed Grazing", "Use Exclusion" and/or a CNMP (when needed to address an existing wellhead resource concern). 2. Payment for well drilling, lining, casing, and appurtenances is limited to \$100 per acre served per contract. 3. Payment is authorized for this practice on grazing lands where the current water supply is inadequate, and the underground water supply is adequate in quantity and quality for the purpose to be served and can be developed at an economical cost. 4. Payment is not authorized for electricity or a power unit. 5. See the "Water Well" conservation practice standard.							
614	Number	Watering Facility					10 Years
		Portable/Seasonal Watering Tank		\$ 91.00	Number		
		Permanent Watering Tank		\$ 964.00	Number		
		1. Payment is only authorized for watering tank(s) as a component of "Prescribed Grazing" and/or "Use Exclusion" to provide watering facilities for livestock at selected locations that will protect vegetative cover through proper distribution of grazing or to reduce/eliminate livestock use of existing streams or ponds for water.					
		Watering Facility for Wildlife		\$ 502.00	Number		
		1. Payment is authorized when needed to provide adequate drinking water for wildlife during critical periods.					
		1. See the "Watering Facility" conservation practice standard.					
351	Number	Well Decommissioning					20 Years
		Using Off-site Fill Material		\$ 2.14	cu ft		
		Using On-site Fill Material		\$ 1.66	cu ft		
1. See the "Well Decommissioning" conservation practice standard.							
380	Feet	Windbreak/Shelterbelt Establishment					15 Years
		When Temporary Irrigation IS Needed		\$ 1.56	Feet		
		1. This is a one-time only payment, authorized when temporary drip-type irrigation is needed to assist in the establishment of the EQIP-assisted Windbreak.					
		2. This payment cannot be combined with any irrigation-related EQIP financial assistance.					
		3. This payment cannot be combined with any EQIP financial assistance for water development, facilities, or pipeline (i.e., wells, tanks, hydrants, etc) if such is needed to bring water to the windbreak area.					
		4. Payment will be per planned foot of trees established (example: a 400' two-row planting utilizing temporary irrigation = 400ft X \$1.56/ft = \$624.00).					
		Temporary Irrigation NOT Needed		\$ 0.53	Feet		
1. This is a one-time only payment, based on planned feet of trees established (example: a 400' two-row planting without irrigation = 400ft X \$0.53/ft = \$212.00).							
1. All plantings must be protected from grazing and destructive fire. 2. Only one Windbreak/Shelterbelt payment can be earned per calculated foot. 3. See the "Windbreak/Shelterbelt Establishment" conservation practice standard.							

Practice Code	Practice Unit	Conservation Practice	Payment Rate 3/	Pmt Unit	Max. Payment per Contract	Lifespan
Footnotes and Acronym Information						
1/	An <b>Existing</b> livestock operation is: a. Currently in operation producing meat, milk, eggs, fiber, or other livestock-related marketable products; b. Consists of major physical facilities installed on the Farm included in this EQIP application (i.e., swine house, milk barn, etc), AND 1) does not have an adequate livestock waste management system OR 2) has a livestock waste management system that currently is in need of retrofitting or rehabilitation OR 3) needs to add facilities due to a 30% or less increase in current/existing animal numbers.					
1/	An <b>Expanding</b> livestock operation is: a. An operation that meets the definition of an Existing livestock operation, with a greater than 30% increase in current/existing animal numbers, AND 1) <u>Low</u> Expansion: needs to add facilities due to a 30.1% through 100% increase in current/existing animal numbers OR 2) <u>Medium</u> Expansion: needs to add facilities due to a 100.1% through 200% increase in current/existing animal numbers OR 3) <u>Large</u> Expansion: needs to add facilities due to a greater than 200% increase in current/existing animal numbers.					
1/	<b>All Other</b> livestock operations: a. Applicant does not control the production of waste material from livestock production (i.e., applicant is the recipient of waste material from an operation that he/she has no influence in the day-to-day activities of that operation) OR b. Applicant is introducing a different type of livestock operation (i.e., current swine operation is adding a poultry house; current swine operation wants to change to a poultry operation) OR c. Applicant is introducing an entirely new livestock operation where no livestock operation currently exists OR d. An operation that does not meet the above definitions of Existing or Expanding.					
2/	A financial assistance limit of \$21,000 applies to those EQIP offers where the applicant does not directly control livestock production. Requests in which the applicant directly controls the production of waste/litter are not subject to these financial assistance limits.					
3/	Payments to Limited Resource Farmers, Beginning Farmers, and Socially Disadvantaged Farmers (as defined in the 2009 EQIP Rule) may be based upon payment rates that are higher than those posted in this document.					
NRCS AU	NRCS Animal Unit is defined in the Technical Service Provider (TSP), Not to Exceed website ( <a href="http://techreg.usda.gov/">http://techreg.usda.gov/</a> ) under TSP NTE Help.					
CNMP	Comprehensive Nutrient Management Plan					
DBH	Diameter (of tree trunk) at Breast Height					
FEMA	Federal Emergency Management Agency ( <a href="http://www.fema.gov/femaNews/disasterSearch.do">http://www.fema.gov/femaNews/disasterSearch.do</a> )					
TSP	Technical Service Provider ( <a href="http://techreg.usda.gov/">http://techreg.usda.gov/</a> )					
WHAG	Wildlife Habitat Appraisal Guide					